

Title (en)

AQUEOUS POLYMER DISPERSIONS, PROCESS FOR THEIR PREPARATION AND THEIR USE

Publication

EP 0225612 A3 19890705 (DE)

Application

EP 86116887 A 19861204

Priority

DE 3543361 A 19851207

Abstract (en)

[origin: EP0225612A2] Aqueous polymer dispersions whose polymer constituent essentially comprises the components A) from 50 to 85% by weight of a copolymer A comprising I from 25 to 38.5% by weight of a C1-C20-alkyl acrylate or methacrylate or a mixture of these esters, II from 0 to 60% by weight of the monomer I or a vinylaromatic compound, III from 1.5 to 15% by weight of a copolymerisable, olefinically unsaturated carboxylic acid or an anhydride thereof which contains up to 10 carbon atoms, IV up to 30% by weight of other copolymerisable compounds, and B) up to 85% by weight of a solution polymer B comprising exclusively the comonomers I, II and IV, and obtainable by solution polymerisation of one of these components (A) or (B) in an organic solvent and subsequent solution polymerisation of the other component in the resultant polymerisation solution, dispersion of the solution containing (A) and (B) in water with addition of ammonia, and removal of the organic solvent by distillation to a concentration of less than 5% by weight, based on the amount of dispersion.

IPC 1-7

C08F 265/04; **C08F 8/44**; **C08F 6/10**; **C09J 3/00**; **C09D 3/00**

IPC 8 full level

C08F 2/06 (2006.01); **C08F 6/10** (2006.01); **C08F 8/44** (2006.01); **C08F 265/04** (2006.01); **C08J 3/07** (2006.01); **C09D 133/00** (2006.01); **C09J 113/00** (2006.01)

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Citation (search report)

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- [A] FR 1566442 A 19690509
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- [AD] CHEMICAL ABSTRACTS, Band 93, 1980, Seite 91, Nr. 206244m, Columbus, Ohio, US; & JP-A-80 082 166 (TORAY INDUSTRIES, INC) 20-06-1980
- [A] CHEMICAL ABSTRACTS, Band 83, 1975, Seite 118, Nr. 133527n, Columbus, Ohio, US; & JP-A-75 097 943 (DAI NIPPON TORYO CO., LTD) 28-04-1975

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